

Receiving Report

Date:

13/4/24

Batch No:

M25386

Supplier:

THYSSERUPP

Dart P/O:

19640

Packing Slip:

Yes

☒

No

☐

Invoice:

Yes

☐

No

☒

Receipt:

Cash

☐

Cr

☐

Release Note Attached:

Yes

☒

No

☐

N/A

Waybill Attached:

Yes

☐

No

☒

N/A

Shipment Complete:

Yes

☒

No

☐

N/A

QC6 Inspection

☒

gm

13-4-24

☐

N/A

Work Order

☐

N/A

☒

N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK)

Level 12

[Signature]

Production/Admin:

Date

13/4/24

Received/Costing

[Signature]

Initial

Location

All amounts are calculated in domestic currency.

All Item ID/GL/WOs	All Rec. Employees	All Currencies
--------------------	--------------------	----------------

All Rec. Employees

Total Received Quantity:	96.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$1,296.03
Total Balance Due Quantity:	0.0000

B I L L O F L A D I N G

No: VIM 398896

Ship From:
 THYSSENKRUPP MATERIAUX NA
 4700 BOIS, FRANC
 ST. LAURENT, QC H4S 1A7
 Tel: 514-337-0161 Fax: 514-745-2968

Ship Date 24Apr13 at 9:12 From VFW
 Probill
 Via VIM TRUCKING
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-559052- 1 Your PO # 19640
 ALUMINUM FLAT BAR 6061-T6511

2.00" X 8.00" X 144.0000"

Heat Number

Tag No
 149786

Quantity
 24 FT

PCS
 2

Wt LBS
 454

BDLE#1 R452

2) Our Order PEC-559052- 2 Your PO # 19640

ALUMINUM FLAT BAR 6061-T6511

1.00" x 2.50" X 144.0000"

Heat Number

Tag No
 145246

Quantity
 12 FT

PCS
 1

Wt LBS
 36

BDLE#1

3) Our Order PEC-559052- 3 Your PO # 19640

ALUMINUM FLT BAR ECONOPLT 6061-T6511

.500" X 10.00" X 144.0000"

Heat Number

Tag No
 161687

Quantity
 24 FT

PCS
 2

Wt LBS
 138

BDLE#1

4) Our Order PEC-559052- 4 Your PO # 19640

ALUMINUM FLAT BAR 6061-T6511

.250" x 6.00" X 144.0000"

Heat Number

Tag No
 145234

Quantity
 36 FT

PCS
 3

Wt LBS
 63

BDLE#1

TOTAL: Tags 4 PCS 8 Wt LBS 691

Heat Number
 201221314

*** Chemical Analysis ***

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT!

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/OST# 1017327081 T0001 TPS/GST TVH/HST # 140223934 RT0001

B I L L O F L A D I N G

No: VIM 398896

Ship From:
THYSSENKRUPP MATERIAUX NA
4700 BOIS FRANC
ST. LAURENT, QC H4S 1A7
Tel: 514-337-0161 Fax: 514-745-2968

Ship Date 24Apr13 at 9:12 From VFW
Probill
Via VIM TRUCKING
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

201221512
201300758

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

*** POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

*** FOR ALL YOUR STAINLESS STEEL NEEDS, CALL US.

*** WE HAVE IT! *** TEL. 800-926-2600 ***

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.

MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/GST # 1017227081 TQ001 TDS/GST TVH/HST # 102223034 RT0001

THYSSENKRUPP MATERIALS NA

PART AEROSPACE

ALUMINUM ELITE BAR ECONOPLI 6061-T6511
500" X 10.00" X 1.44.0000"
PART NO.

Certificate of Mill Test Results
BL VIM-398896-003
22 April 13

Note: certifier que le document reproduit ici est une copie conforme du rapport fourni par le producteur du matériel ou les données résultant de

SCM



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
167047	6

BILL TO
ThyssenKrupp Materials NA
SHIP TO
ThyssenKrupp Materials NA PEC
Quantity Certified 1,905 lbs 27 pcs

MANIFEST NUMBER 179709
CUSTOMER PO PEC-245090
CUSTOMER PART NUMBER PL0734
DIE NUMBER PL0734
ALLOY/TEMPER 6061-T6511E
SALES PERSON David Schroeder
DESCRIPTION PL 500 X 10.00

DATE OF SHIPMENT 1/23/2013
CERTIFICATION
ASTM-B221-12 StencilContinuous
SPECIFICATION
AMS-QQA-200/8

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201300758	01/18/13	45.0	42.3	15.6

DA3
8-14
13/04/24

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Total	Melt Source:
C67R0349	6061	0.63	0.16	0.18	0.01	0.85	0.06	0.01	0.01	98.09	0.05	0.15	United States of America

Others

Print Date: 1/23/2013

Calvin J. Wiggins, Director of Quality & Technical Services

THYSSENKRUPP MATERIALS NA

P.O. Box 19640

Certificate of Mill Test Results

ALUMINUM PLAT BAR 6061-T6511
250" x 6.00" x 144.0000"

Nous certifions que le document reproduit est une copie conforme du rapport fourni par le producteur du matériel ou les données résultant de

L'analyse faite par un laboratoire indépendant

SIGNÉ PAR: [Signature]

PL VIM-398896-004

22Apr13
Pg 1/1



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

ORDER NUMBER	ITEM
165242	4

ROLL TO
ThyssenKrupp Materials NA
SHIP TO
ThyssenKrupp Materials NA, Montreal
Quantity Certified 2,032 lbs 96 pcs

MANIFEST NUMBER 177510
CUSTOMER PO VIM-617812
CUSTOMER PART NUMBER PL0078

DIE NUMBER PL0078
ALLOY/TEMPER 6061-T6511
DATE OF SHIPMENT 12/28/2012
SALESPERSON David Schroeder

DESCRIPTION PL 250x6.000

CERTIFICATION
ASTM-B221-12 Stencil/Continuous
SPECIFICATION
AMS-QQA-200/8

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
91	201221314	12/10/12	46.6	44.6	13.1
92	201221314	12/10/12	46.6	44.6	14.9
93	201221314	12/10/12	46.1	44.3	11.5
94	201221314	12/10/12	45.5	43.6	14.3
95	201221314	12/10/12	47.2	45.1	12.3
96	201221314	12/10/12	45.7	43.5	16.8
97	201221314	12/10/12	46.6	44.4	12.7

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Melt Source:
											Each	Total
ZBS787	6061	0.62	0.18	0.20	0.02	0.85	0.06	0.01	0.01	98.05	0.05	0.15
ZBS797	6061	0.61	0.19	0.19	0.03	0.84	0.06	0.01	0.01	98.06	0.05	0.15

Print Date: 12/28/2012

Calvin L. Maguire, Director of Quality & Technical Services

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
1.00" x 2.50" x 144.0000"
PART NO.

PO/Ref 19640
Nous certifions que le document reproduit ici est
une copie conforme du rapport fourni par le
producteur du matériel ou les données résultant de

L'analyse faite par le laboratoire qualifié
SIGNÉ PAR: *[Signature]*
BL VIM-398896-002

22 Apr 13
Pg 1/1



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
164760	16

BILL TO
ThyssenKrupp Materials NA
SHIP TO
ThyssenKrupp Materials NA, Montreal
Quantity Certified 1,070 lbs 30 pcs

MANIFEST NUMBER 177509
CUSTOMER PO VIM-617730
CUSTOMER PART NUMBER RB0125

DIE NUMBER RB0125
ALLOY / TEMPER 6061-T6511
DESCRIPTION SCRB 1.000x2.500

DATE OF SHIPMENT 12/28/2012
SALESPERSON David Schroeder

CERTIFICATION
ASTM-B221-12 StencilContinuous
SPECIFICATION
AMS-QQA-200/8

Items produced and certified as 6061-T6511
also meet the requirements of 6061-T6

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201221512	12/14/12	49.3	45.9	11.7
2	201221512	12/14/12	49.5	46.2	11.6
3	201221512	12/14/12	48.0	45.1	12.9
4	201221512	12/14/12	49.0	45.1	12.6

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Total	Melt Source:
1112088	6061	0.71	0.35	0.30	0.10	0.86	0.10	0.05	0.02	97.51	0.05	0.15	United States of America
1112154	6061	0.71	0.40	0.30	0.10	0.87	0.10	0.09	0.03	97.40	0.05	0.15	United States of America

13-4-24



Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 12/28/2012

THYSSENKRUPP MATERIALS NA

PO/Rel 19640

DART AEROSPACE
ALUMINUM PLAT BAR 6061-T6511
2.00" X 8.00" X 144.0000"
PART NO.

Nous certifions que le document reproduit ici est
une copie conforme du rapport fourni par le
producteur du matériel ou les données résultant de

Certificate of Mill Test Results

BL VIM-398896-001

22Apr13
Pg 1/2

l'analyse faite par un laboratoire agréé
SIGNÉ PAR: 
Afin:

sapa

Sapa Industrial Extrusions
33 PORTSVILLE STREET
CRENSONA, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoiced To Customer

THYSSENKRUPP MATERIALS NA INC
4700 BOIS FRANCO

ST LAURENT, - J14S 1A7

Ship To Customer

THYSSENKRUPP MATERIALS NA INC
4700 BOIS FRANCO

ST LAURENT, QC - J14S 1A7

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1100584081	2	VIM-619396-002	SAP-A741748	1 of 2
Quantity Shipped	Date Shipped	Item Description	Specification	Cert Issue Date

901	LB	04-APR-13	ASTM A221 REV 12A	1997
B/L		Item No.	2.000 TK x 8.000 W	ASME A221 REV 09
416725		Item No.	144.000 IN LN	UNSRA96061 REV
Delivery To		Item No. Rev	FIN MASHILL	
4413148			W/F 18.816 F.O. CS 8.2	
Customer Part No.			6061-T6511	
2X8EP			Marking CONTINUOUS	

Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for Others Each and Others Total have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Signature And Title

William T. Martin III

William Martin III

Tech/Quality Manager

04-APR-13

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, and affixing any specifications forming a part of the description and that samples representative of the material and the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Quantities per Lot/Packages

Package Number	Lot Number	Quantity	UOM	Weight
G12-PKG1902839	21360087	4	PCS	Gross 907 Net 901

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	0.70	0.15	0.40	0.15	0.80	1.20	0.04	0.35	0.25			



THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
2.00" X 8.00" X 144.0000"
PART NO.

PO/Rel 19640

Nous certifions que le document reproduit ici est
une copie conforme du rapport fourni par le
producteur du matériel ou les données résultant de

Certificate of Mill Test Results

BL VIM-398896-001

22Apr13
Pg 2/2

L'analyse faite par un laboratoire qualifié
SIGNÉ PAR:

Attn:

sapa

Sapa Industrial Extrusions
53 ROTTSMILL STREET
CRENSONA, PA
17929-0187

Certified Inspection Report

Sale Order Number
1100584081

Line No. 2

Customer PO
VIM-619396-002

Cert Number
SAPA741748

Page 2 of 2
Cert Creation Date 04-APR-13
Cert Print Date 04-APR-13

Alloy	Ti		Bt		Pb		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	...	0.15	...	0.05	...	0.05	...	0.05	...	0.15

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Pb	Others Each	Others Total
4029951	0.73	0.37	0.30	0.12	0.91	0.15	0.05	0.02	...	...	...	...
Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Pb	Others Each	Others Total
4029952	0.73	0.36	0.33	0.12	0.92	0.15	0.04	0.03	...	...	...	...
Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Pb	Others Each	Others Total
4029953	0.73	0.37	0.28	0.12	0.88	0.14	0.04	0.02	...	...	...	...

Mechanical Property - Test Limits

Test Type		UTS - L		TYS - L		EL 40D-Long	
LOK		KSI		KSI		PCT	
# of Test		MIN Value		MIN Value		MIN Value	
Test Temper		MAX Value		MAX Value		MAX Value	
T6511	2130000	53.8	53.8	50.3	50.3	12.8	12.8

Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.

Yield strength has been determined by the 0.2% offset method.

All Mill Finish alloys produced at Sapa Extrusions comply with 0.4% Maximum Level per R415, with the exception of 6262 alloy
In accordance with EN 10204 Inspection Certificate Type 3.1

Melted in the USA or Other Qualified Countries as Defined by DEARS 215.872.1

Made in USA

13424



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO19640**

Purchase Order Date 4/19/13

PO Print Date 4/19/13

Page Number 1 of 2

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
4/13/13

1125 386

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6B2.000X08.000	6061-T6 BAR 2.00 8.00"	4/25/13 Yes	24.00 f	Yours ppd	\$35.7833	\$858.80
Special Inst:			MATERIAL: 6061-T6/T651/T6510/6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221				
2	M6061T6B1.000X02.500	6061-T6 Bar 1.00 x 2.50	4/25/13 Yes	12.00 f	Yours ppd	\$5.5417	\$66.50
Special Inst:			MATERIAL: 6061-T6/T651/T6510/6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221				

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required **YES** NO

Change Nbr: 1

Change Date: 4/19/13



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO19640**

Purchase Order Date 4/19/13

PO Print Date 4/19/13

Page Number 2 of 2

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,PCSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

3	M6061T6B0.500X10.000	6061-T6 Bar .500 x 10.00	4/25/13 Yes	24.00 f	Yours ppd	\$11.1625	\$267.90
---	----------------------	--------------------------	----------------	------------	-----------	-----------	----------

Special In st: MATERIAL: 6061-T6/T651/T6510/6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

4	M6061T6B0.250X06.000	6061-T6 Bar .250 x 6.00	4/25/13 Yes	36.00 f	Yours ppd	\$3.4306	\$123.50
---	----------------------	-------------------------	----------------	------------	-----------	----------	----------

Special In st: MATERIAL: 6061-T6/T651/T6510/6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

PO Total:

\$1,316.70

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 4/19/13

No substitution or deviation without consent.

Certificate of Conformity or Material
Certification required YES NO